	Flig	ght-Testing Newto	n's Laws			
2002 Science and Technology  Academic Standards						
Activity/Lesson	State	Standards				
Session-10 (1-5)	PA		Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).			
Session-10 (1-5)	PA	SCT.10.3.4.10.C .7	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.  Describe how fundamental science and technology concepts are used to solve practical			
Session-1 (1-17)	PA	SCT.10.3.1.10.E	problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).			
Session-1 (1-17)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.			
Session-2 (1-10)	PA	SCT.10.3.1.10.E	Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).			
Session-2 (1-10)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.  Describe how fundamental science and			
Session-3 (1-6)	PA	SCT.10.3.1.10.E	technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).			

Session-3 (1-6)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.
Session-5 (1-6)	PA	SCT.10.3.1.10.E .1	Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).
Session-5 (1-6)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.
Session-6 ( 1-8)	PA	SCT.10.3.1.10.E	Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).
Session-6 ( 1-8)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.
Session-7 (1-5)	PA	SCT.10.3.1.10.E .1	Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).
Session-7 (1-5)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.  Describe how fundamental science and
Session-8 (1-9)	PA	SCT.10.3.1.10.E .1	technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).
Session-8 (1-9)	PA	SCT.10.3.4.10.C	Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.

Session-9 (1-7) Session-9 (1-7)	PA PA	SCT.10.3.4.10.C	Describe how fundamental science and technology concepts are used to solve practical problems (e.g., momentum, Newton's laws of universal gravitation, tectonics, conservation of mass and energy, cell theory, theory of evolution, atomic theory, theory of relativity, Pasteur's germ theory, relativity, heliocentric theory, gas laws, feedback systems).  Know Newton's laws of motion (including inertia, action and reaction) and gravity and apply them to solve problems related to forces and mass.
		ht-Testing Newto	
	2002	2 Science and Te	
		<b>Academic Stand</b>	ards
	nce and Technology		
Grade 12			
Activity/Lesson	State	Standards	
			Analyze the principles of translational motion, velocity and acceleration as they relate to free
Session-10 (1-5)	PA	.3	fall and projectile motion.
			Interpret a model that illustrates circular motion
Session-10 (1-5)	PA	.5	and acceleration.
			Analyze the principles of translational motion,
			velocity and acceleration as they relate to free
Session-1 (1-17)	PA	.3	fall and projectile motion.
Cassian 1 (1 17)	DA		Interpret a model that illustrates circular motion
Session-1 (1-17)	PA	.5	and acceleration.  Describe inertia, motion, equilibrium, and
		SCT 12 3 4 12 C	action/reaction concepts through words, models
Session-1 (1-17)	PA	.6	and mathematical symbols.
06331011-1 (1-17)	TA	.0	Analyze the principles of translational motion,
		SCT 12 3 4 12 C	velocity and acceleration as they relate to free
Session-3 (1-6)	PA	.3	fall and projectile motion.
( )	.,,		Analyze the principles of translational motion,
		SCT.12.3.4.12.C	velocity and acceleration as they relate to free
Session-5 (1-6)	PA	.3	fall and projectile motion.
,			Analyze the principles of translational motion,
		SCT.12.3.4.12.C	velocity and acceleration as they relate to free
Session-6 ( 1-8)	PA	.3	fall and projectile motion.
( - /			Interpret a model that illustrates circular motion
Session-6 ( 1-8)	PA	.5	and acceleration.
,			Analyze the principles of translational motion,
		SCT.12.3.4.12.C	velocity and acceleration as they relate to free
Session-7 (1-5)	PA	.3	fall and projectile motion.
			Analyze the principles of translational motion,
		SCT.12.3.4.12.C	velocity and acceleration as they relate to free
Session-8 (1-9)	PA	.3	fall and projectile motion.
			Analyze the principles of translational motion,
			velocity and acceleration as they relate to free
Session-9 (1-7)	PA	.3	fall and projectile motion.